

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072384.D
 Acq On : 23 Mar 2022 15:20
 Operator : VA/SY
 Sample : N2063-04
 Misc : 6.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4-1-(10-10.5)

Quant Time: Mar 24 00:52:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

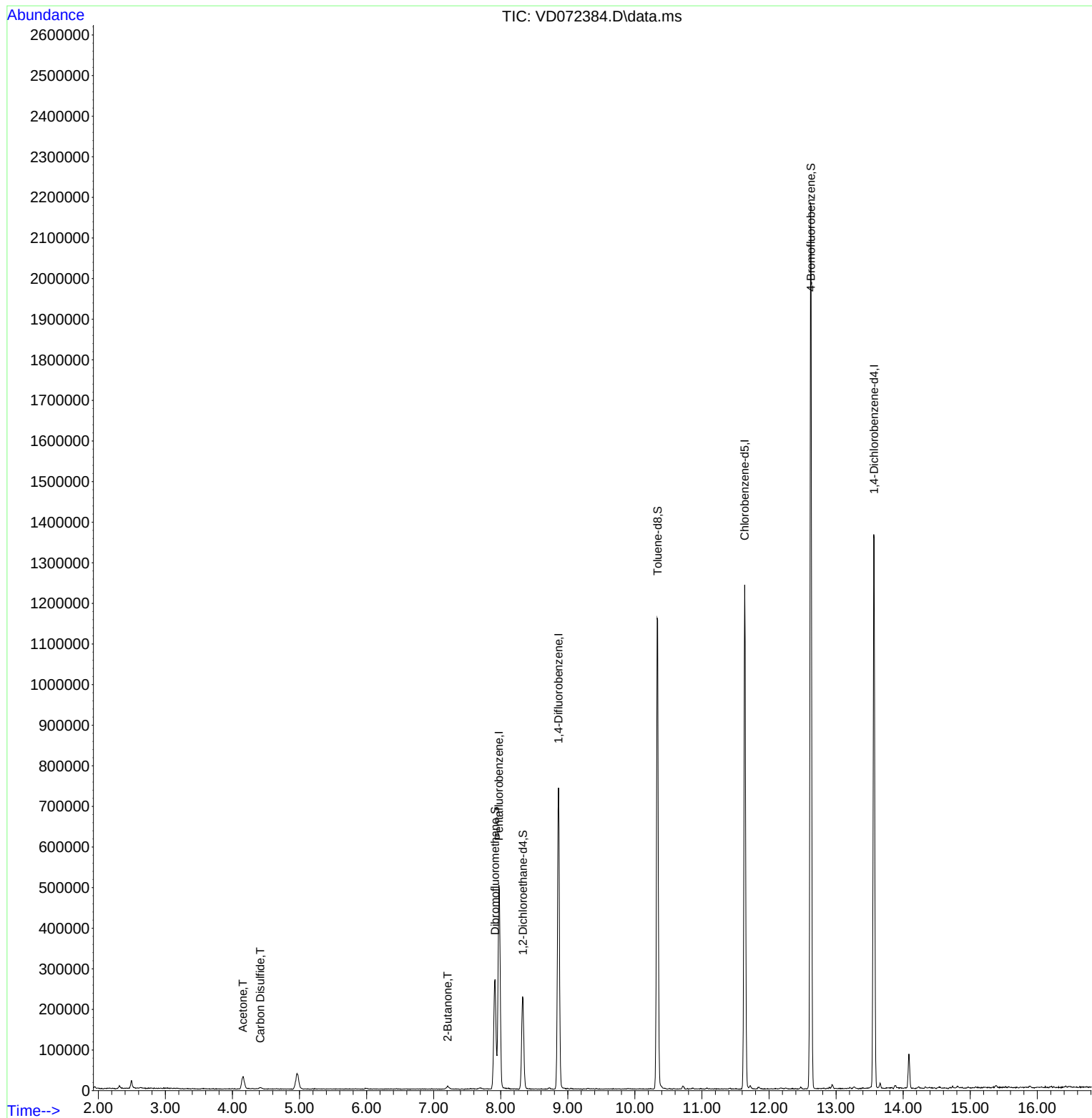
Internal Standards						
1) Pentafluorobenzene	7.973	168	364627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	358764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186539	45.905	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.820%		
35) Dibromofluoromethane	7.914	113	194290	44.427	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.860%		
50) Toluene-d8	10.338	98	783029	48.967	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.626	95	368573	59.319	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	118.640%		
Target Compounds						
16) Acetone	4.156	43	57765	65.472	ug/l	97
17) Carbon Disulfide	4.415	76	9151	2.636	ug/l	97
25) 2-Butanone	7.208	43	9390	7.982	ug/l	93

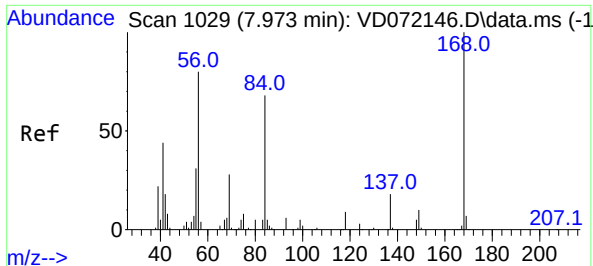
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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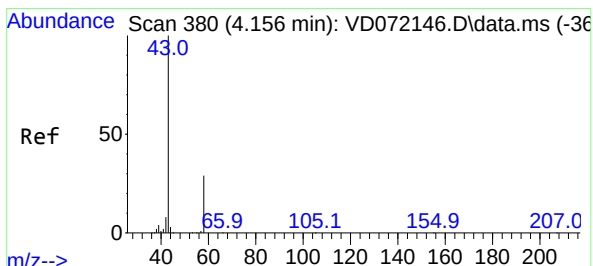
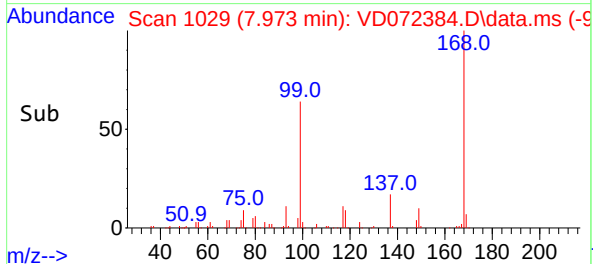
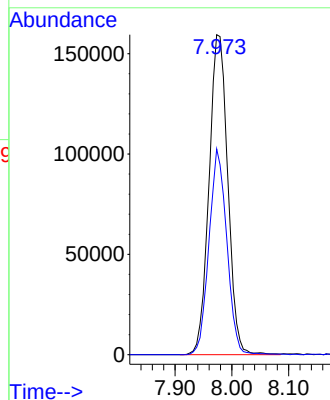
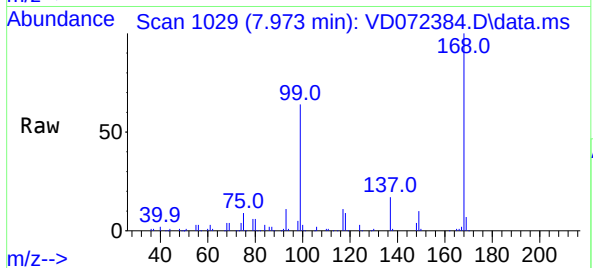




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

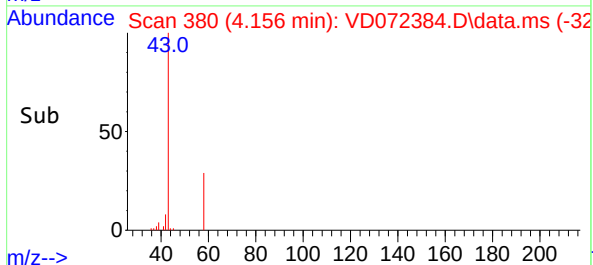
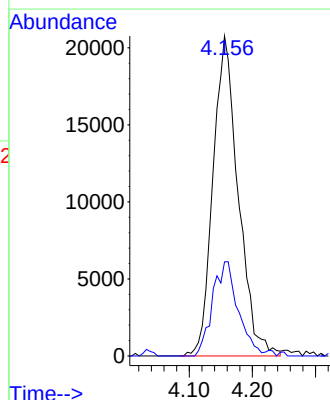
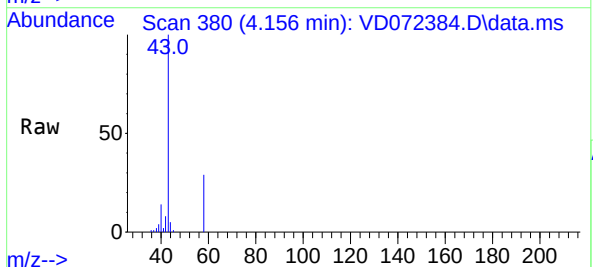
Instrument :
MSVOA_D
ClientSampleId :
WC-4-1-(10-10.5)

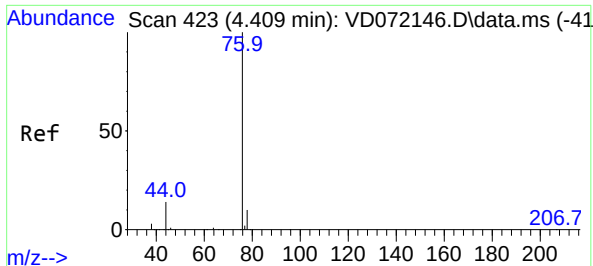
Tgt Ion:168 Resp: 364627
Ion Ratio Lower Upper
168 100
99 64.3 49.8 74.6



#16
Acetone
Concen: 65.472 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Tgt Ion: 43 Resp: 57765
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1

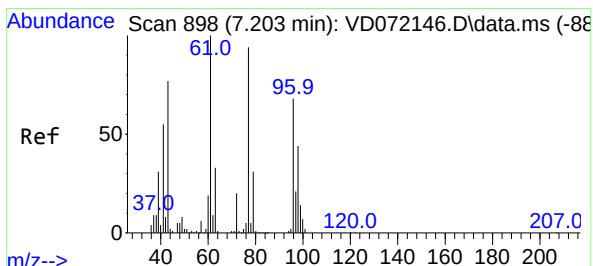
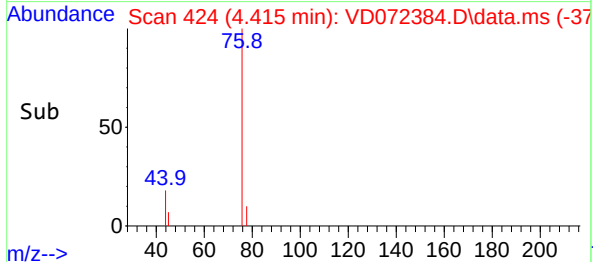
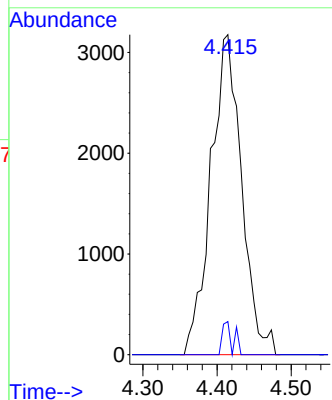
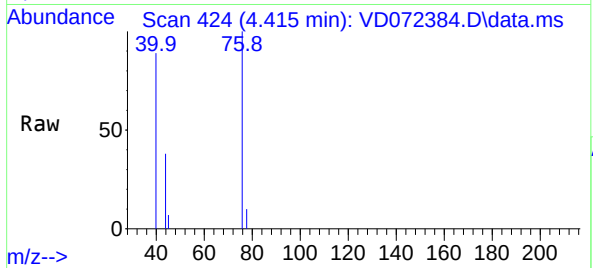




#17
Carbon Disulfide
Concen: 2.636 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

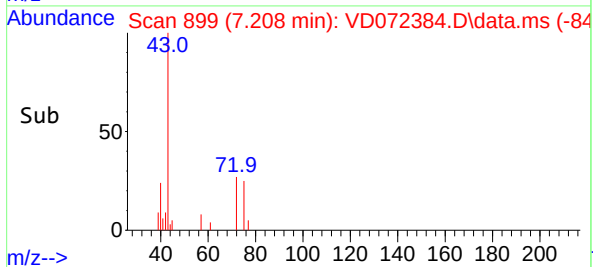
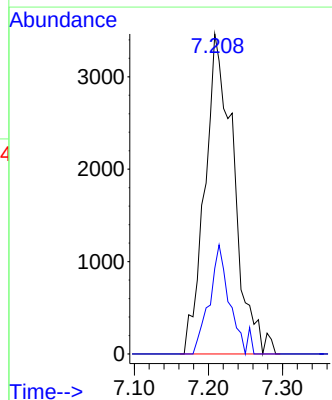
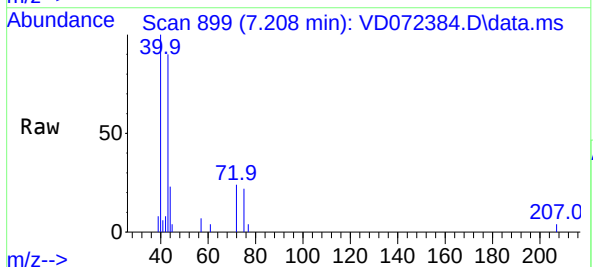
Instrument :
MSVOA_D
ClientSampleId :
WC-4-1-(10-10.5)

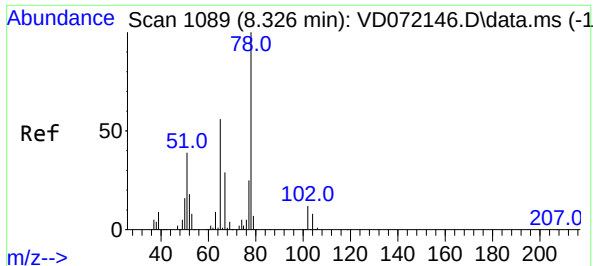
Tgt Ion: 76 Resp: 9151
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



#25
2-Butanone
Concen: 7.982 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Tgt Ion: 43 Resp: 9390
Ion Ratio Lower Upper
43 100
72 26.7 18.6 27.8





#33

1,2-Dichloroethane-d4

Concen: 45.905 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD072384.D

Acq: 23 Mar 2022 15:20

Instrument :

MSVOA_D

ClientSampleId :

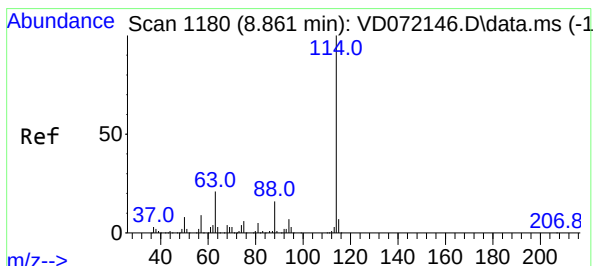
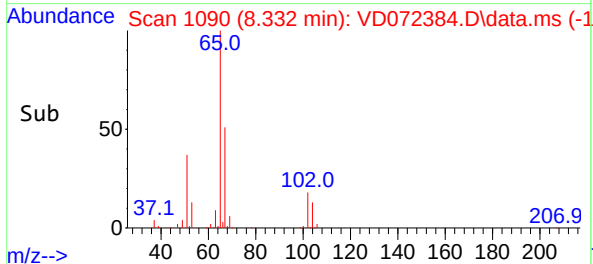
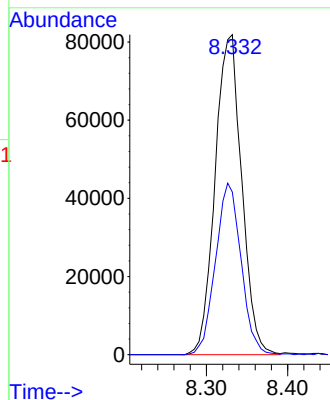
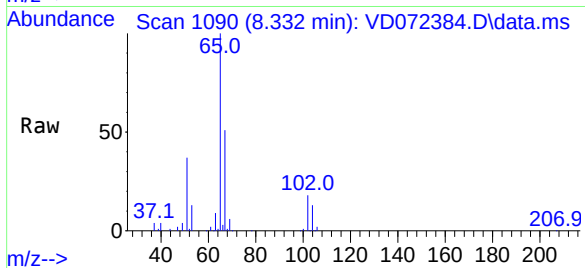
WC-4-1-(10-10.5)

Tgt Ion: 65 Resp: 186539

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072384.D

Acq: 23 Mar 2022 15:20

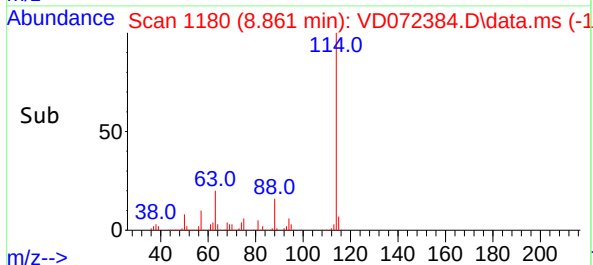
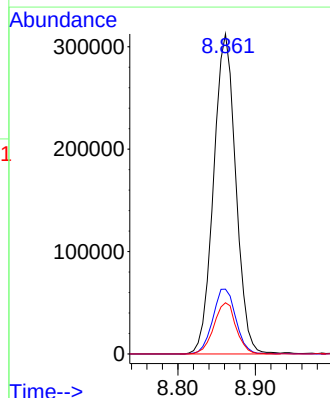
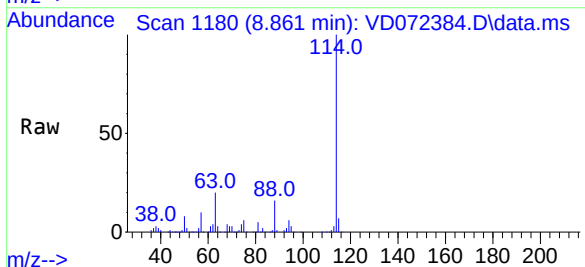
Tgt Ion:114 Resp: 621464

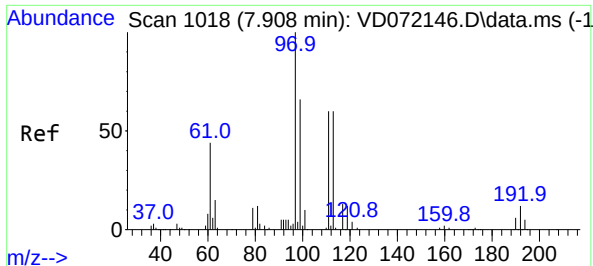
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 16.0 0.0 33.2

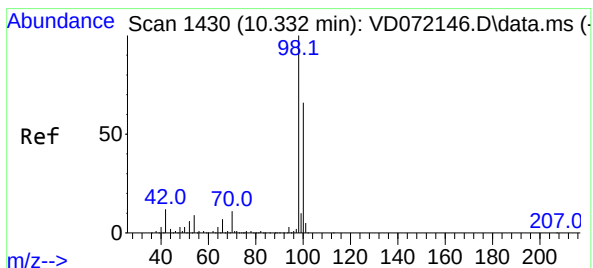
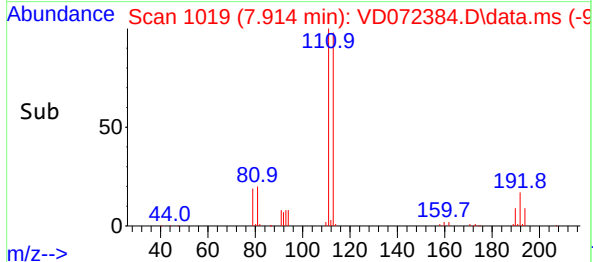
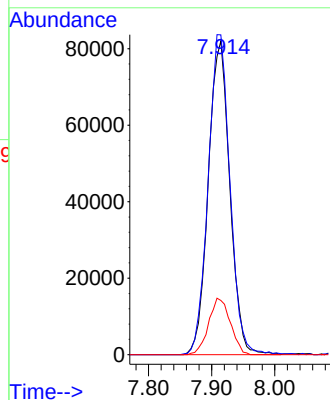
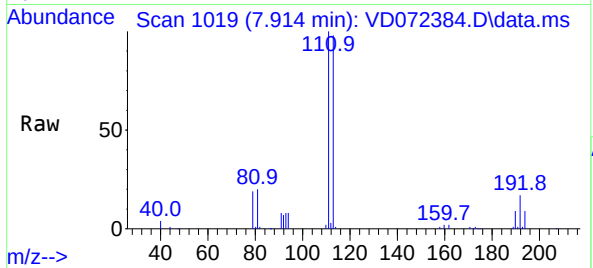




#35
Dibromofluoromethane
Concen: 44.427 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

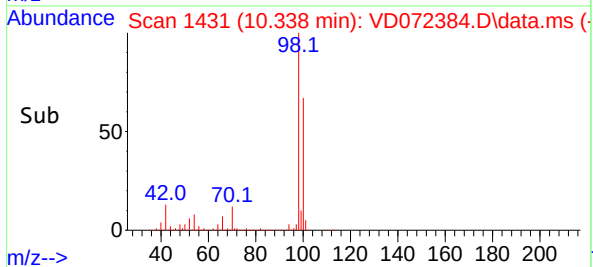
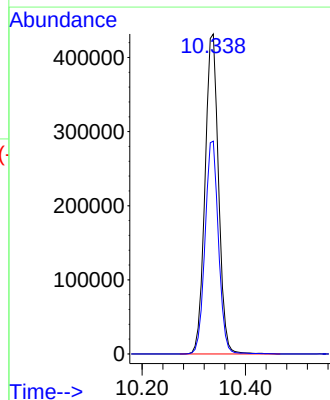
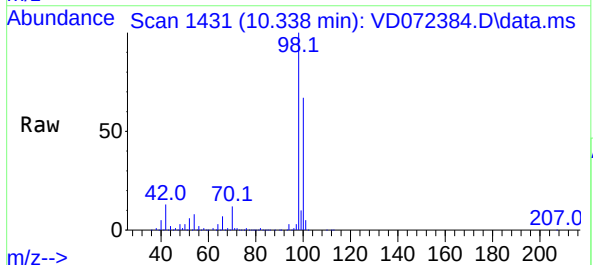
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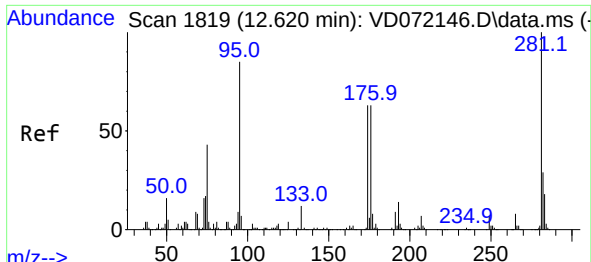
Tgt Ion:113 Resp: 194290
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 18.2 14.6 21.8



#50
Toluene-d8
Concen: 48.967 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Tgt Ion: 98 Resp: 783029
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

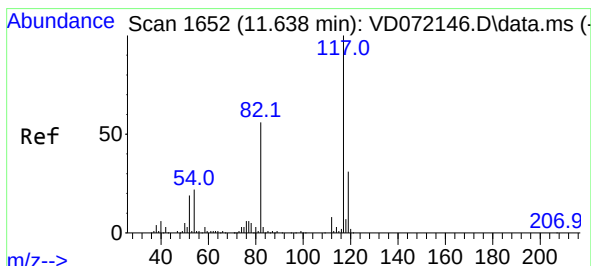
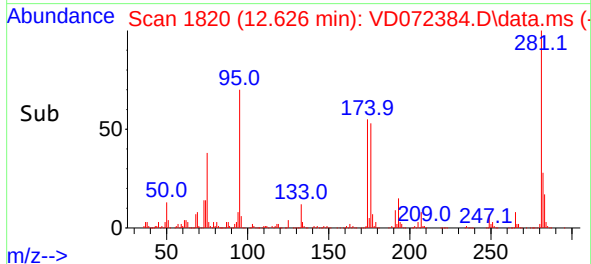
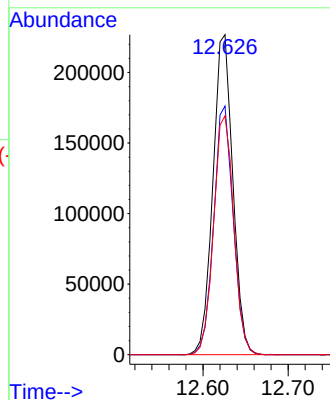
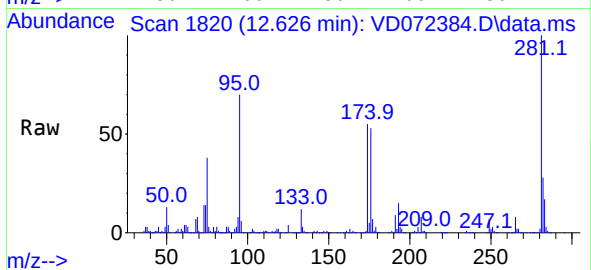




#62
4-Bromofluorobenzene
Concen: 59.319 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

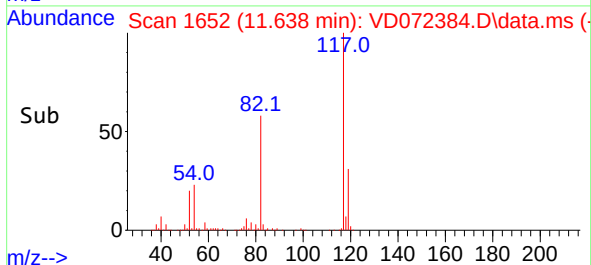
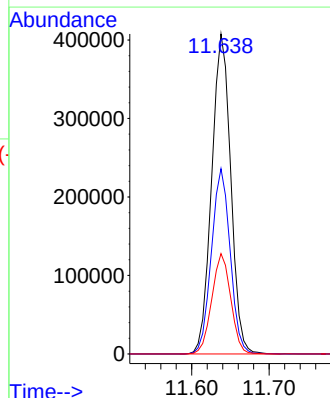
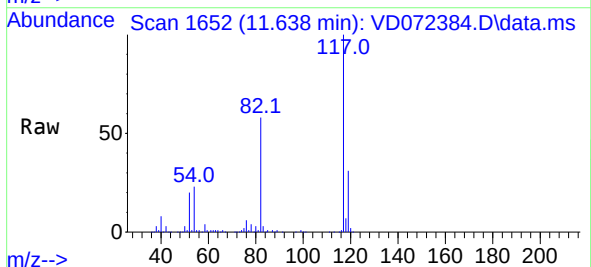
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ClientSampleId :
WC-4-1-(10-10.5)

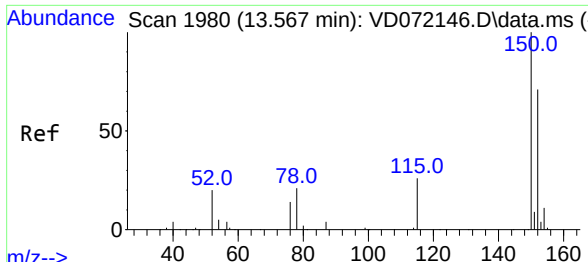
Tgt Ion: 95 Resp: 368573
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 75.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072384.D
Acq: 23 Mar 2022 15:20

Tgt Ion: 117 Resp: 698902
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 31.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD072384.D
 Acq: 23 Mar 2022 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4-1-(10-10.5)

Tgt Ion:	152	Resp:	358764
Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.3	93.8
150	157.4	0.0	348.6

